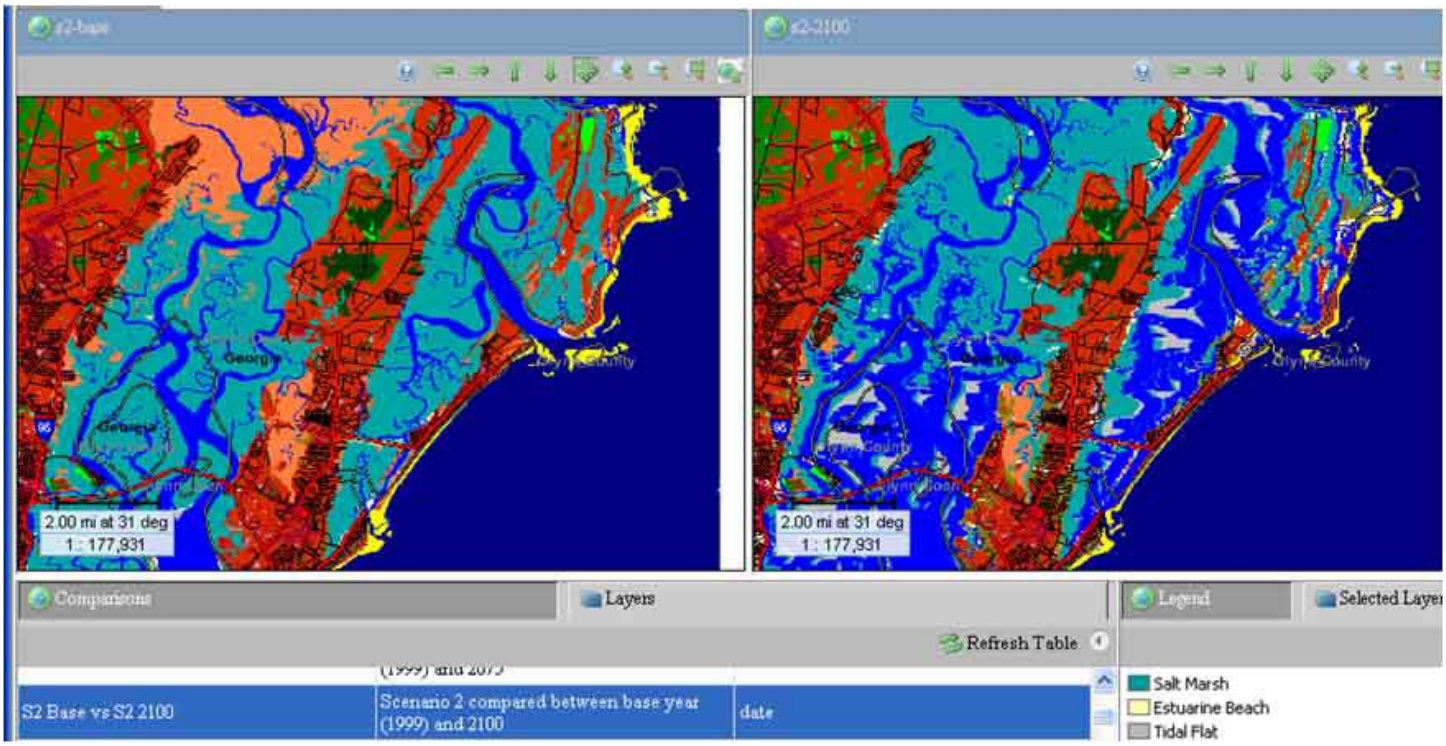
Using National Wetlands Inventory Data in SLAMM - View

(Sea Level Affecting Marshes Model)



SLAMM-View screen capture, comparing 2000 and 2100 with a 0.8 meter sea-level rise scenerio, shows the possible conversion of salt marsh (teal) into open water and tidal flats, brackish marsh (orange) into salt marsh, and loss of beaches and bars (yellow).

http://www.spea.indiana.edu/wetlandsandclimatechange/SLAMM-View.htm

SLAMM-View, an online viewer, displays Sea Level Affecting Marshes Model (SLAMM) simulations under three sea-level rise scenarios over 25-year increments up to the year 2100. Simulations show possible future impacts on coastal wetland habitat using FWS's National Wetlands Inventory habitat classification data to run the model.

SLAMM-View is currently under development by Jeff Ehman, ImageMatters, with assistance by the Fish and Wildlife Service. SLAMM-View is hosted by Dr. Chris Craft, Indiana University.

Current simulations online:

Georgia and South Carolina,
funded by the Environmental Protection Agency

Cheseapeake Bay,
funded by the National Wildlife Federation

Puget Sound,
funded by the National Wildlife Federation

National Wildlife Refuges,
more to come, funded by FWS.